

**Notice of Allowability**

Application No.

10/790,863

Applicant(s)

HATA ET AL.

Examiner

Art Unit

Prabodh M. Dharia

2629

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10-31-2007.
2. ☒ The allowed claim(s) is/are 1-16.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |                                                                                                            |                                                                                       |
|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|                                                                                                            | 9. <input type="checkbox"/> Other _____                                               |

1. **Status:** Please all the replies and correspondence should be addressed to Examiner's new art unit 2629. Receipt is acknowledged of papers submitted on 10-31-2007 under amendments, and request for reconsideration, which have been placed of record in the file. Claims 1-16 are pending in this action.

***Response to Amendment***

2. The amendment filed 10-31-2007 does not introduce any new matter into the disclosure. The added material is supported by the original disclosure. Applicant has amended independent claims 1, 7 and 12 adding allowable limitations to expedite allowability of the instant application.

3. Applicant has amended independent claims 1, 7 and 12 adding allowable limitations to expedite allowability of the instant application. Applicant arguments filed on 10-31-2007, under remark regarding allowable limitations "regulating an amount of light emitted from the light source in accordance with a value of maximum luminance of the video signal, wherein the regulated amount of light includes 0%, 100% and a value there between; changing the regulated amount of light emitted from the light source according to a light-change timing, synchronizing the display timing with the light-change timing; and adjusting transmissivity of the display device in accordance with the regulated amount of light in a manner such that the transmissivity of the display device increases and the regulated amount of the light decreases" are persuasive; as after further extensive search and consideration, the amended independent claims 1,7 and 12

do overcome the prior art rejection mailed on 07-31-2007, which puts application number 10790863 in condition for allowance.

4. The closest prior art recited on 892's to applicant's teaching is Plut; William J. (US 2006/0001658 A1) Edge preservation for spatially varying power conservation; however, the provisional filing date of Plut application is July 15, 2003 while instant application claims foreign priority date of March 5, 2003. Therefore prior art of Plut; William J. (US 2006/0001658 A1) is not a viable prior art. All the other prior art cited on the 892's fail to recite or disclose the uniquely distinct features of the independent claims limitations below in combination with all the other limitations of independent claims recited:

"regulating an amount of light emitted from the light source in accordance with a value of maximum luminance of the video signal, wherein the regulated amount of light includes 0%, 100% and a value there between; changing the regulated amount of light emitted from the light source according to a light-change timing, synchronizing the display timing with the light-change timing; and adjusting transmissivity of the display device in accordance with the regulated amount of light in a manner such that the transmissivity of the display device increases and the regulated amount of the light decreases".

***Allowable Subject Matter***

5. Claims 1-16 are allowed.

6. The following is an examiner's statement of reasons for allowance:

Applicant has amended independent claims 1, 7 and 12 adding allowable limitations to expedite allowability of the instant application and to overcome prior art rejection.

Applicant's arguments filed on 10-31-2007 are convincing. As argued by applicant in remarks under claim rejection page 11, paragraphs 1, 2, 4 and page 12, paragraphs 1,3; prior art of Kawabe et al. (US 7,161,576 B2); Winker; Bruce et al. (US 6,710,831 B1) with all of the other prior art cited on 892's 1449's, searched in NPL and searched in PGPUB, fails to recite or disclose all the other limitations of independent claims in combination with uniquely distinct features represented by underlined bold claim limitations recited below;

**regulating an amount of light emitted from the light source in accordance with a value of maximum luminance of the video signal, wherein the regulated amount of light includes 0%, 100% and a value there between; changing the regulated amount of light emitted from the light source according to a light-change timing, synchronizing the display timing with the light-change timing; and adjusting transmissivity of the display device in accordance with the regulated amount of light in a manner such that the transmissivity of the display device increases and the regulated amount of the light decreases.**

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

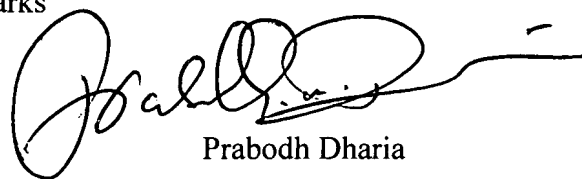
***Conclusion***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prabodh M Dharia whose telephone number is 571-272-7668. The examiner can normally be reached on M-F 8AM to 5PM.
8. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.
9. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231



Prabodh Dharia

Full Signatory Authority Program

AU2629

11-16-2007